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UL1
1994-1997

COMMENCEMENT

THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

SUNDAY, DECEMBER EIGHTEEN

NINETEEN HUNDRED AND NINETY-FOUR

COMMENCEMENT

THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

SUNDAY, DECEMBER EIGHTEEN,

NINETEEN HUNDRED AND NINETY-FOUR

GREETINGS

Each graduation class is unique. So is each graduation. But to paraphrase George Orwell, some graduations are more unique than others—like this one, the University's first full-fledged December Commencement exercise. Nearly 196 years after our first seven students were graduated on Independence Day 1798, our students, in this case the class of 1994, have shown us once more that we need something new.

Here at the end of your present course of study, I am privileged to speak for your alma mater in recognition of the milestone you have reached in the work we do together. Parents sacrificed to help you come here. You strove at your studies while participating in the wonderful variety of activities that animate this University community. Devoted faculty members did their part to stimulate and guide you through the vivid continuum of human knowledge and discovery. The University's staff and administration, doing every sort of work necessary to our successful functioning together, have shared in the rigor and joy of your years here.

It is not uncommon to speak of "taking time out for an education," as though education were not a part of life. You—and we—know that you have been living a vital, formative part of your life among us. It has been our privilege and pleasure to see you grow. We hope that, having pursued your education here, you will continue to exhibit the curiosity, mental energy, physical stamina, and moral courage to continue a lifetime on the path of becoming educated—keeping pace with burgeoning knowledge and seeking to achieve wisdom.

Leave the University today, then. But take her with you in your heart. Remember her, cherish her, support her, and return to her whenever you can for the revivifying strength that comes from being at Carolina in Chapel Hill.

And take with you our warmest good wishes and heartiest congratulations for your achievements while you lived, worked, played, and studied among us.

Paul Hardin

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The list of December candidates for degrees includes students who were expected to complete degree requirements at the conclusion of the fall semester. Degrees are officially conferred on December 30, 1994.

Graduates and guests are invited to the Chancellor's Reception on the Smith Center concourse following Commencement.

ALMA MATER

The words of *Hark the Sound,* UNC-Chapel Hill's alma mater, were written in 1897 by William Starr Myers, a graduating senior. The Glee Club director asked Myers to put words to the tune *Amici*, and the song was first performed on June 2, 1897, as part of the Glee Club's Commencement performance in Gerrard Hall.

Soon the song was almost forgotten. When a University quartet tried a few years later to remember the words, they could recollect only the first verse and the chorus of Myers' original version. Two members of the quartet, Charles S. Mangum and Charles T. Woollen, added two verses to the one they remembered. Mangum later became a professor in the School of Medicine, and Woollen worked as the University's business manager and controller.

Hark the Sound

Hark, the sound of Tar Heel voices
Ringing clear and true,
Singing Carolina's praises,
Shouting N.C.U!

Hail to the brightest star of all!
Clear its radiance shine!
Carolina, priceless gem,
Receive all praises thine.

THE COMMENCEMENT PROGRAM

CONCERT BY THE UNIVERSITY BAND
James W. Hile, Director

ACADEMIC PROCESSION
The Faculty Marshal
Ronald W. Hyatt, Professor of Physical Education, Exercise and Sport Science

The Official Party

The Candidates for the Degrees of Doctor of Philosophy, Doctor of Education, and Doctor of Public Health

The Candidates for Master's and Professional Degrees

The Candidates for Baccalaureate Degrees

Marshals from the Class of 1995 will lead the groups to their seats.

PRESIDING
Paul Hardin, Chancellor

NATIONAL ANTHEM
Stafford Wing, Associate Professor of Voice
Department of Music, With the Entire Assemblage

REMARKS
For the University of North Carolina Board of Governors
Priscilla P. Taylor, Member

For the Board of Trustees
David J. Whichard II, Chairman

For the Graduate and Professional Students
Steven C. Hoffmann, Vice President of External Affairs for the Graduate and Professional Student Federation

For the Senior Class
C. Michael Crisp, President of the Class of 1995

Introduction of Commencement Speaker
Parshant K. Dhiman, Vice President of the Class of 1995

COMMENCEMENT ADDRESS
Jane D. Brown
Chair of the Faculty and Professor of Journalism and Mass Communication

CONFERRING OF DEGREES

HARK THE SOUND
Stafford Wing, Associate Professor of Voice
Department of Music, With the Entire Assemblage

BOARD OF TRUSTEES

The University of North Carolina
at Chapel Hill

David J. Whichard II
Chairman, Greenville, N.C. (1995)
William J. Armfield IV
Vice Chairman, Greensboro, N.C. (1997)
Anne W. Cates
Secretary, Chapel Hill, N.C. (1997)
Angela R. Bryant
Rocky Mount, N.C. (1995)
Thos. E. Capps
Richmond, Va. (1995)
Walter R. Davis
Kitty Hawk, N.C. (1997)
John W. Harris
Charlotte, N.C. (1995)
William R. Jordan
Fayetteville, N.C. (1997)
Charles A. Sanders
Research Triangle Park, N.C. (1997)
Robert L. Strickland
Winston-Salem, N.C. (1995)
Cressie H. Thigpen Jr.
Raleigh, N.C. (1997)
Annette F. Wood
Edenton, N.C. (1995)
George Battle
Ex Officio, Chapel Hill, N.C. (1995)

(The expiration date of each trustee's term is in parentheses.)

ADMINISTRATIVE COUNCIL

The University of North Carolina
at Chapel Hill

Paul Hardin
Chancellor
Arch T. Allen
Vice Chancellor for Development and University Relations
Stephen S. Birdsall
Dean of The College of Arts and Sciences
Robert J. Cannon
Affirmative Action Officer
Douglas S. Dibbert
Executive Director of General Alumni Association
Susan H. Ehringhaus
Assistant to the Chancellor and Senior University Counsel
H. Garland Hershey
Vice Chancellor for Health Affairs and Vice Provost
Douglass Hunt
Special Assistant to the Chancellor for Governmental Affairs
Wayne R. Jones
Vice Chancellor for Business and Finance
Richard L. McCormick
Provost and Vice Chancellor for Academic Affairs
Thomas J. Meyer
Vice Chancellor for Graduate Studies and Research
Clifton B. Metcalf
Associate Vice Chancellor for University Relations
Michael A. Simmons
Dean of The School of Medicine
John D. Swofford
Director of Athletics
Harold G. Wallace
Vice Chancellor for University Affairs
Edith M. Wiggins
Interim Vice Chancellor and Dean for Student Affairs

OFFICERS OF THE CLASS OF 1995

Charles Michael Crisp
President

Parshant Kumar Dhiman
Vice President

Michael Todd Grooms
Secretary

Andrea Lynne Bailey
James Robert Ervin
Co-Treasurers

GRADUATE AND PROFESSIONAL STUDENT FEDERATION

Ramesh L. Krishnaraj
President

Steven C. Hoffmann
Vice President of External Affairs

Debra S. Wood
Vice President of Internal Affairs

Trong D. Nguyen
Treasurer

MARSHALS OF THE CLASS OF 1995

Marion Louise Mull
Michael Scott Woodward
Chief Marshals

Jonathan Granger Atkeson
Russell David Babb
Melissa Lynn Bonsall
Mamie Elizabeth Broadhurst
Meredith Anne Burdette
Dana Ann Burgess
Megan Ann Conway
Miriam Carolyn Courtney
Jason Ralph Cox
Cynthia Lynn Craig
Stacy Lynn Creed
Jodi Margaret Davidson
Kelly Dawn Donahoe
Elizabeth Ann Finamore
Amy Suzanne Flanary
David Sparrell Greaves
Samuel Latham Grimes
Edward Francis Hanes Jr.
Kevin Dean Hunter
Yewande Joy Johnson
Susan Elizabeth Jones
Robert Elson Killough
Rupa Virupkasha Kothandapani
Matthew David Lincoln
Jane Strode Linton
Kathleen Marie McDonald
Brent DeLynn Moore
Lisa Fortune Moore
Valerie Lynn Morgan
Nicole AnneMarie Perez
Robert Jackson Powell IV
Sanjay Kumar Premakumar
Michelle Marie Reeve
Stephen Trent Rigsbee
Sara Elisabeth Ross
Wendy Elizabeth Sarratt
Sneha Champak Shah
James Michael Snypes Jr.
Jane Samille Terry
Emily Edwards Toler
Darice Witherspoon

CHANCELLOR PAUL HARDIN

The son of a Methodist minister by birth and a lawyer by training, Paul Hardin III found his life's calling in education. After twenty-six years as a college and university president, he stands out as one of the foremost chief executive officers in American higher education.

A North Carolina native, Hardin is the seventh chancellor of The University of North Carolina at Chapel Hill, the nation's first state university, which concluded an eight-month observance of its 200th anniversary last May.

Hardin came to Carolina in July 1988 after thirteen years as president of Drew University in Madison, New Jersey, where he earned a reputation as sensitive to the needs of students, faculty, and staff; built a major library complex; and started a program that made computers accessible to every freshman, a first for a U.S. liberal arts school.

He was president of Southern Methodist University in Dallas, Texas, from 1972 to 1974 and president of Wofford College in Spartanburg, South Carolina, from 1968 to 1972. Except for stints in the U.S. Army and as a practicing lawyer, Hardin has been associated with college campuses since entering Duke University at age seventeen.

In presenting the chancellor one of his eight honorary degrees this year, Duke called his career in higher education "an impressive demonstration of what can be accomplished through creative approaches to academic programs and unswerving dedication to high principle." Similarly, Rider College said Hardin was "one of the finest college executives" of his time who had generated "informed and sustained progress" at every campus he has headed.

Since taking the helm to lead the University through its Bicentennial, Hardin often has reminded the Carolina family that in the complex and highly competitive world of public higher education the future belongs to schools that command it—not to those that sit passively and wait for it to occur.

To command the future, Hardin believes Carolina must build new partnerships, celebrate diversity, and remain passionately committed to its time-honored mission of vital teaching, cutting-edge research, and distinguished public service. The chancellor's goal is to provide leadership that will keep Carolina among the nation's finest public research universities in the twenty-first century. He meets that challenge by combining strong and thoughtful leadership with a refreshing sense of humor and a dynamic personal style.

Hardin was instrumental in persuading the 1991 North Carolina General Assembly to give the state's public universities more flexibility to manage budgets and personnel. The chancellor has strengthened Carolina's own internal planning and budgeting processes. In 1990, Hardin started an intense yearlong review of the University's most critical long-term goals and strategies for reaching them. He headed a panel of faculty, administrators, and students that produced a 1992 report that is guiding planning for the University's third century.

Hardin devotes much of his time to helping raise private funds to ensure future excellence through the Bicentennial Campaign for Carolina, the largest fund-raising effort in University history. After exceeding its initial $320 million goal in March 1994, sixteen months ahead of schedule, the campaign has set a new $400 million goal.

Hardin will step down as chancellor in June 1995 following successful completion of the campaign. Besides accomplished fund raising, other hallmarks of the Hardin administration include major efforts to improve and reward undergraduate and graduate teaching; great strides forward in faculty-conducted research, leading to dramatic gains in contract and grant funding; and strengthened training and public service programs for state leaders in education, government, health care, and other critical fields.

Hardin is a stalwart advocate of diversity on a campus that leads the nation in the number of Black faculty members holding endowed professorships. "I believe that finding ways to celebrate our diversity may be the most important task on college and university campuses today," Hardin says. "A diverse society will continue to be a part of our lives, and we must always work toward that—at Carolina and beyond."

The chancellor organized a task force to study community and diversity on campus, appointed a committee to advise him on ways to improve race relations, and asked trustees to honor pioneering Black faculty by naming the admissions building Blyden and Roberta H. Jackson Hall. He has encouraged efforts to create a new Residence Hall Association Diversity Program to bring more Black students from south to north campus; hire a minority development professional to spearhead fund raising for student programs; and publish a directory of initiatives, scholarships, and organizations for underrepresented students.

Improving American public education is high on the chancellor's personal agenda. He serves on the Board of Trustees of the Carnegie Foundation for the Advancement of Teaching, a policy center devoted to

strengthening American education, with twenty-four other prominent education and business leaders. The Princeton, New Jersey, center has proposed a seven-step call for action on issues ranging from improved health care to universally available preschool in a landmark report, "Ready to Learn: A Mandate for the Nation." The foundation has tackled other critical issues in reports such as "Scholarship Reconsidered: Priorities of the Professoriate" and "Campus Life: In Search of Community," based on a yearlong study with the American Council on Education.

Since 1991, Hardin has worked as a founding trustee of Educate America, a Morristown, New Jersey, organization chaired by Thomas Kean, former governor of New Jersey. The nonprofit, nonpartisan organization consults with school districts and individual schools attempting to strengthen primary and secondary education and was among the first to advocate a national achievement examination for all high school seniors.

Hardin remains a leading national spokesman on higher education's most important issues, including athletic reform, a career-long interest. A charter member who recently was reappointed to a rare second term on the National Collegiate Athletic Association Presidents' Commission, he closely monitors reform proposals such as those made by the Knight Foundation Commission on Intercollegiate Athletics. At the chancellor's request, UNC-Chapel Hill trustees endorsed the commission's report, which called for firm institutional control of athletics and academic and financial integrity of athletic programs.

Named one of the nation's 100 most effective university presidents in a 1986 study, Hardin has contributed to several international and national education-related organizations. He has been a co-chairman of the Japan-U.S. Conference of University Presidents, as well as a member of the Board of Higher Education in New Jersey and of the Board of Directors of the National Association of Independent Colleges and Universities. Nominated by students on his own campus, Hardin in 1993 was named an honorary member of the Golden Key National Honor Society, which helps academically gifted students gain recognition and leadership experience.

The chancellor, whose name appears in *Who's Who in American Education*, twice has served as president of the National Association of Schools and Colleges of the United Methodist Church and has chaired the National Commission on United Methodist Higher Education.

The study of law has been a guiding force throughout Hardin's career. After earning Phi Beta Kappa honors and an undergraduate degree from Duke in 1952, Hardin entered Duke law school, where he edited the law review and graduated first in his class. He served two years in the U.S. Army, then practiced law in Alabama before returning to Duke in 1958 to teach law for a decade. He is professor of law at Carolina.

The chancellor has published several articles on legal topics and is coauthor of two books, *Cases and Materials on the Administration of Criminal Justice* and *Evidence: Cases and Materials.* His other scholarly articles have focused on civil and criminal trial procedures in Scotland, executive privilege in the federal courts, and college campus unrest.

Hardin vigorously practices the community service he advocates. Shortly after arriving in Chapel Hill, he and then Mayor Jonathan Howes created the CCC (Coordination and Consultation Committee) to strengthen relations between the University, Chapel Hill, Carrboro, and Orange County. He serves as a member of the Board of Directors of the Chapel Hill-Carrboro Chamber of Commerce, vice president of the Public Private Partnership, member of the Greater Triangle Regional Council, and belongs to the Chapel Hill Rotary Club and the University United Methodist Church.

Hardin campaigned for mayor of Durham in 1967 and served as the second chairman of Durham's Human Relations Committee. He is a former member of the Duke University Board of Trustees.

Hardin, who was born in Charlotte, and his wife, Barbara, call several places in North Carolina home because they grew up as the children of Methodist ministers. Hardin lived in Asheboro, Concord, High Point, Shelby, Wadesboro, and Waynesville. Barbara, also a Duke graduate, grew up in Goldsboro and lived in several other eastern North Carolina towns.

The Hardins have three children: Paul Russell Hardin of Atlanta, Georgia; Sandra Mikush of Winston-Salem; and Dorothy Holmes of Birmingham, Michigan. The chancellor is the son of Bishop Paul Hardin Jr. of Asheville and the late Dorothy Reel Hardin.

JANE D. BROWN COMMENCEMENT SPEAKER

An award-winning teacher and researcher, Jane D. Brown stands among the nation's experts on how the mass media affect adolescent behavior.

Brown is professor of journalism and mass communication at UNC–Chapel Hill. Last spring she became the second woman to chair the Carolina faculty. Since joining the faculty in 1977, Brown's work and interests have covered a variety of social issues.

"She is effective in everything she does, sincerely interested in her students, and always positive," said Richard Cole, dean of the School of Journalism and Mass Communication.

Brown's research focuses on how adolescents use the mass media in developing a sense of identity. Her current research focuses on adolescents' reactions to televised antiviolence messages.

From 1985 to 1989 Brown was coinvestigator on a $1.8 million federally funded project that designed and evaluated media campaigns aimed at keeping teens nonsmokers. She has coedited two books, *The Media, Social Science, and Social Policy for Children* and *Media, Sex, and the Adolescent*. Brown also has coauthored numerous articles and contributed book chapters on subjects ranging from television and sexuality to communication campaigns to pop singer Madonna's cultural impact.

Brown chairs the Chancellor's Child Care Advisory Committee and is a member of a task force on undergraduate programs formed for the University's reaccreditation self-study. She also has served as at-large representative for the University's chapter of the American Association of University Professors, chair of the Chancellor's Advisory Committee, and a member of the Educational Policy Committee. She also serves on the advisory committee of the Curriculum in Leisure Studies and Recreation Administration.

A longtime advocate on women's issues, Brown is a member of the University's Women's Concerns Coalition. She is former chair of the Faculty Council's Committee on the Status of Women and past president of the Association for Women Faculty and Professionals.

Accolades from students and colleagues attest to her teaching abilities and commitment to quality education. She won the 1992 David Brinkley Teaching Excellence Award in the School of Journalism and Mass Communication. Within the school

Brown served as director of Graduate Studies from 1991 to 1994 and as a member of the Graduate Admissions Committee and the Administrative Board. She was the coordinator of the school's Ph.D. program in Mass Communication Research from 1979 to 1991.

Brown's career includes a visiting professorship at the University of Wisconsin and a professional internship for the *Detroit News*. In 1987–8 she was a fellow at the Gannett Center for Media Studies in New York.

On the national level she was coeditor of *Journalism Quarterly* book reviews from 1983 to 1987, served on the Association for Education in Journalism and Mass Communication's Standing Committee on Research from 1983 to 1989, and chaired the committee in 1988–9.

Brown is a member of the Advocates for Youth board of directors. She also serves on the editorial boards of the *Journal of Broadcasting and Electronic Media, Journal of Communication, Newspaper Research Journal,* and *Health Communication.*

She is a member of the Association for Education in Journalism and Mass Communication, the International Communication Association, and the International Association for Mass Communication Research.

Brown began her career in academia as a teaching assistant at the University of Wisconsin-Madison's School of Journalism and Mass Communication from 1973 to 1976. She was an instructor at the University of Michigan's Institute of Gerontology and Department of Journalism in 1977.

She received her B.A. in journalism from the University of Kentucky in 1972 and her M.A. and Ph.D. in mass communication research from the University of Wisconsin–Madison in 1974 and 1978, respectively.

From 1969 to 1972 Brown was a reporter and managing editor of the *Kentucky Kernel* at the University of Kentucky, then worked as reporter and photographer for the Havre de Grace (MD) *Record* for the next two summers.

NOTES ON ACADEMIC DRESS

The following information, condensed from *An Academic Costume Code and Ceremony Guide* and published by the American Council on Education, may be helpful in identifying academic attire worn during today's ceremony.

The history of academic dress dates back to the European Middle Ages when scholars at the oldest universities were clerics. Capes with hoods and warm caps were needed in cold, drafty buildings. The desire for a uniform appearance ("well born, well turned-out, and somewhat learned," read one medieval formula) and for marks to distinguish bachelor's, master's, and doctoral degree candidates led to the development of today's academic costume.

In 1895, representatives from American colleges and universities met at Columbia University and fashioned a standard code of academic dress for this country. The code, modified in 1959, is still in force. The costumes, colors, trimmings, and patterns you see are traditional, and refer to the specific degree and field of study.

The bachelor's gown, designed to be worn closed, has pointed sleeves. The master's gown, which may be worn open or closed, has an oblong sleeve, open at the wrist, that hangs nearly to the ground; the back part of its oblong shape is square cut and the arc in the front is cut away. The doctor's gown may be worn open or closed, and has bell-shaped sleeves.

Bachelors' and masters' gowns are untrimmed. Doctors' gowns are usually faced with black velvet, with three bars across the sleeves, although the color of the velvet may vary according to the field of study. Hoods, which differ in length for the three degrees, are lined with official colors of the university or college that conferred the degree, usually with one color forming a chevron pattern over the other. Some colors you will see on faculty and administrators' robes are: the crimson of Harvard, the maroon of Chicago, the light blue and white of North Carolina, the orange and black of Princeton, and the dark blue of Yale.

Hoods also are edged and bound with velvet in the color appropriate to the field of study. You will see many hoods in our procession edged with dark blue, for doctor of philosophy (Ph.D.). The colors in the hoods and gowns of faculty represent the following fields in which degrees were taken:

Apricot: Nursing
Brown: Fine Arts
Citron: Social Work
Crimson: Journalism
Dark Blue: Philosophy
Golden Yellow: Science
Green: Medicine
Lemon-Yellow: Library Science
Light Blue: Education
Lilac: Dentistry
Olive-Green: Pharmacy
Orange: Engineering
Pink: Music
Purple: Law
Sage Green: Physical Education
Salmon Pink: Public Health
Scarlet: Theology
Yellow-Brown: Commerce, Business, Accountancy
White: Arts, Letters, Humanities

DEGREE ABBREVIATIONS

The following list explains abbreviations of degrees conferred on students at UNC–Chapel Hill.

A.B.: Bachelor of Arts

A.B.Educ.: Bachelor of Arts in Education

A.B.Jo.M.C: Bachelor of Arts in Journalism and Mass Communication

B.F.A.: Bachelor of Fine Arts

B.Mus.: Bachelor of Music

B.M.Educ.: Bachelor of Music Education

B.S.Ad.Ju.: Bachelor of Science in Administration of Criminal Justice

B.S.App.Sc.: Bachelor of Science in Applied Science

B.S.B.A.: Bachelor of Science in Business Administration

B.S.Biol.: Bachelor of Science in Biology

B.S.Chem.: Bachelor of Science in Chemistry

B.S.C.L.S.: Bachelor of Science in Clinical Laboratory Science

B.S.D.H.: Bachelor of Science in Dental Hygiene

B.S.Dent.: Bachelor of Science in Dentistry

B.S.Geol.: Bachelor of Science in Geology

B.S.Math.: Bachelor of Science in Mathematics

B.S.M.S.: Bachelor of Science in Mathematical Sciences

B.S.M.T.: Bachelor of Science in Medical Technology

B.S.Med.: Bachelor of Science in Medicine

B.S.N.: Bachelor of Science in Nursing

B.S.Phar.: Bachelor of Science in Pharmacy

B.S.Phys.: Bachelor of Science in Physics

B.S.Psyc.: Bachelor of Science in Psychology

B.S.P.T.: Bachelor of Science in Physical Therapy

B.S.P.H.: Bachelor of Science in Public Health

B.S.R.S.: Bachelor of Science in Radiologic Science

B.S.S.T.: Bachelor of Science in Science Teaching

Cert.Dent.Hy.: Certificate in Dental Hygiene

C.A.S.I.L.S.: Certificate of Advanced Study in Information and Library Science

C.Gr.Ed.: Certificate of Graduate Study in Education

D.D.S.: Doctor of Dental Surgery

D.P.H.: Doctor of Public Health

Ed.D.: Doctor of Education

Dr.Phar.: Doctor of Pharmacy

J.D.: Juris Doctor

M.Acctg.: Master of Accounting

M.A.: Master of Arts

M.A.T.: Master of Arts in Teaching

M.B.A.: Master of Business Administration

M.D.: Doctor of Medicine

M.Ed.: Master of Education

M.F.A.: Master of Fine Arts

M.H.A.: Master of Health Care Administration

M.Mus.: Master of Music

M.P.A.: Master of Public Administration

M.P.H.: Master of Public Health

M.R.P.: Master of Regional Planning

M.S.: Master of Science

M.S.E.E.: Master of Science in Environmental Engineering

M.S.I.S.: Master of Science in Information Science

M.S.L.S.: Master of Science in Library Science

M.S.N.: Master of Science in Nursing

M.S.P.H.: Master of Science in Public Health

M.S.R.A.: Master of Science in Recreation Administration

M.S.W.: Master of Social Work

Ph.D.: Doctor of Philosophy

DECEMBER 1994
CANDIDATES FOR GRADUATE DEGREES

THE GRADUATE SCHOOL

Established 1876

Presented by Dean Thomas J. Meyer

DOCTOR OF PHILOSOPHY

Christopher Rolfe Agnew, *Psychology,* Interdependent Social Behaviors: Behavioral Prediction Using Individual- and Dyad-level Models. (Under the direction of Professor Vaida D. Thompson.)

Morgan David Arant Jr., *Journalism and Mass Communication,* Constitutional Implications of United States Government Restrictions on the Press in the Persian Gulf War. (Under the direction of Professor Ruth Walden.)

Jehan Arulprasasam, *Economics,* The Effects on Food Markets, Household Food Consumption, and Urban Poverty of Price, Trace, and Exchange Policies in Guinea: A Multimarket Analysis. (Under the direction of Professor Alfred J. Field Jr.)

Craig W. Auchter, *Political Science,* El Proceso, from Triunfo to Concertación: In Search of Appropriate Democracy in Nicaragua (1979-1993). (Under the direction of Professor Lars G. Schoultz.)

Rachel Narehood Austin, *Environmental Sciences and Engineering,* Effects of Symmetry and Structure in Compound I Analogs. (Under the direction of Professor Avram Gold.)

Ronald Tadao Azuma, *Computer Science,* Predictive Tracking for Augmented Reality. (Under the direction of Professor Gary Bishop.)

W. Douglas Bates, *Chemistry,* Preparation, Characterization, and Photophysical Investigation of Polypyridyl re(I), Ru(II), and Os(II) Complexes. (Under the direction of Professor Thomas J. Meyer.)

Timothy J. Baylor, *Sociology,* The American Indian Movement. (Under the direction of Professor Anthony R. Oberschall.)

Anna Marie Belu, *Chemistry,* Characterization of Novel Polymers by Time-of-Flight Secondary Ion Mass Spectrometry, Matrix-Assisted Laser Desorption Mass Spectrometry, and X-ray Photoelectron Spectroscopy. (Under the direction of Professor Richard W. Linton.)

Ann Marie Bemus, *Pharmacy,* A Task Analysis of the Home Care Pharmacist. (Under the direction of Professor Celeste Lindley.)

Kathleen Yonce Bernier, *Special Education,* Differences in Early Intervention Service Utilization and Other Child Characteristics for Children Covered and Not Covered by Medicaid. (Under the direction of Professor James Gallagher.)

Margaret Beucher, *Genetics,* Cloning, Sequencing, and Characterization of the Gene Encoding FrpB, a Major Iron-Regulated Outer Membrane Protein in Neisseria Gonnorrhoeae. (Under the direction of Professor P. Frederick Sparling.)

Carol Dorothy Binzer, *Adult and Higher Education,* The Acquisition of Strategic Information by Senior Student Personnel Administrators: An Exploratory Study. (Under the direction of Professor Timothy R. Sanford.)

Timothy Charles Black, *Physics,* Elastic Proton-Deuteron Scattering at Very Low Energy Level. (Under the direction of Professor Edward J. Ludwig.)

Jeffery C. Blackmon, *Physics,* Measurement of the 17O(p,)14N Cross Section Rate at Stellar Energies. (Under the direction of Professor Arthur Champagne.)

Glenn B. Blalock, *English,* Colonial Identity in British America: A Study of Writings from the Caribbean. (Under the direction of Professor Philip Gura.)

Jane Blocker, *Art History,* The Unbaptized Earth: Ana Mendieta and the Performance of Exile. (Under the direction of Professor Carol Mavor.)

Susanne Marie Bockholt, *Cell Biology and Anatomy,* Tyrosine Phosphorylation in Focal Adhesions. (Under the direction of Professor Keith Burridge.)

April Jean Bohannan, *Information and Library Science,* Anticipatory Socialization: A Study of Entering Students in Library and Information Science Programs. (Under the direction of Professor Barbara B. Moran.)

Sally L. Bond, *Sociology,* Educational Responses to Industrial Change. (Under the direction of Professor John K. Kasarda.)

Stephen Keith Boss, *Marine Sciences,* Early Sequence Evolution During Carbonate Platform Flooding: An Actualistic Model from Northern Great Bahama Bank. (Under the direction of Professor A. Conrad Neumann.)

Steven Rolf Browning, *Epidemiology,* PCB Exposure and Cancer Mortality in Electric Utility Workers. (Under the direction of Professor Dana P. Loomis.)

Dean C. Carlow, Biochemistry and Biophysics, Catalytic Mechanism of Cytidine Deaminase. (Under the direction of Professor Richard V. Wolfenden.)

Linda F. Carnes-McNaughton, *Anthropology,* The Transition from Earthenware to Stoneware Pottery Production in Nineteenth Century, North Carolina: A Multidisciplinary Approach. (Under the direction of Professor Carole L. Crumley.)

Lori Rochelle Carter, *Epidemiology,* Composite Dietary Concordance with a Recommended Diet Among African Americans with Self-Reported Non-Insulin Dependent Diabetes Mellitus (NIDDM). (Under the direction of Professor H. Al Tyroler.)

Xiao-hua Chen, *Pharmacology,* Molecular Cloning Characterization of a Novel ß-adrenergic Receptor. (Under the direction of Professor Robert Nicholas.)

KyeongAe Choe, *City and Regional Planning,* Assessing the Accuracy of the Contingent Valuation Method for Valuing Improved Urban Infrastructure in the Context of a Developing Country. (Under the direction of Professor Dale Whittington.)

Andrew I. Cohen, *Philosophy,* Hobbesian Political Authority and the Right of Resistance. (Under the direction of Professor Bernard R. Boxill.)

Robert Colter Cromartie, *Computer Science,* Structure-Sensitive Contrast Enhancement: Design and Evaluation. (Under the direction of Professor Stephen M. Pizer.)

Gregory Allan Cronin, *Marine Sciences,* The Complexity of Dictvota-Herbivore Interactions: Interactions of Environment, Variable Seaweed Chemical Defenses, and Resistance to Herbivory. (Under the direction of Professor Mark E. Hay.)

Randall E. Cross, *Biology,* Direct and Indirect Effects Between Juvenile Killifish (*Fundulus Heteroclitus*) and Grass Shrimp (*Palaemonetes Pugio*) in Refuge Habitats. (Under the direction of Professor Alan E. Stiven.)

Sara R. Curran, *Sociology,* Household Resources and Opportunities: The Distribution of Education and Migration in Rural Thailand. (Under the direction of Professor Barbara Entwisle.)

Thomas L. Dawson, *Pharmacology,* Identification, Cloning, and Analysis of Novel Proto-oncogene, c=*"mer"*. (Under the direction of Professor H. Shelton Earp.)

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Michael Hamilton Sharp
Anatoli Shaykevich
Michael James Shore
James Wilson Shores
Jack Henry Shreffler
Aneeqah Sumyyah Siddeeq
Katharine Carmichael Simmons
Kirt Edward Simmons
Mark Gerard Sobnosky
Oluwatoyin Oluwasimi Sofowora
Theodore James Spader
Michael Warren Stocks
Sally Elizabeth Stone
Lih-Jen Sun
William Keith Taulbee
Virginia Michelle Teague
Christopher John Tector
Peter James Teeple
Danny Joe Turner II
Laura Anne Vancho
Ronald D. Venezie
Michael Eric Webb
Merri Hart White
Alicia Elaine Wilson
Li Yue
Mei Zhou

MASTER OF FINE ARTS

Maria Eugenia Canas

MASTER OF MUSIC

James Allen Anderson

MASTER OF PUBLIC ADMINISTRATION

Edwin Hassel Daniels Jr.
Matthew Lloyd Dolge
Michael Wayne Halford
Paul David Stancil
Sarah Martin Turner

MASTER OF REGIONAL PLANNING

Oscar Arturo Barrios
Deirdre Calista Coury
Michael Wayne Halford
Heather Winslow Harts'Horn
Elizabeth A. Hilkemeyer
Steven Edward Whitesell

MASTER OF SCIENCE IN RECREATION ADMINISTRATION

Robert Vaughn Funck
Sarah Jane Michener
Michael P. Soehnlein

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Established 1885

Presented by
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Carey Aarme Clarke
Lisa Melanie Clifton
David Paul Gigli
Donna Jones Koppelman
Holly Mortensen
Brenda Cheryl Neel-Turlington
Christine R. Reagan
John L. Vitale

MASTER OF ARTS IN TEACHING

Patricia Anne Heald
Holly Pearl Welstein
Joseph Robert Winslow

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Established 1919

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Donna Marina Cummings

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Brooks Robert Babcock
George Gordon Bailey III
Donald Ross Bartholf
Phillip James Bejarno
William Bradley Broyles
Dean Robert Cirotta
Lesley Comrie
Rena Bimiek Corbett
Darius Leon Davis
Sahabettin Can Demiray
Michael J. DeCocco
Daniel David DeMars
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Martin Doyle
James D. English
Joseph F. Fiss
Frank Owen Fitzgerald III
Joseph Edward Freeman Jr.
Christian J. Germain
Parag Kanti Ghosh
James Dwelle Halliday
Timothy James Hanyok
Michael Andrew Holland
Walter Jason Huckaby
Arvid Conrad Johnson III
Lawrence Keith Mandelkehr
Christopher Anthony Martin
Colleen Ann McCarthy
Don Alan McClenney
Amanda Jo Mesler
Deborah Ann Militello
Stephen Keith Millward
Stacey H. Moore
Steven Andrew Muma
Major D. Murray
Richard David Murray Jr.
Steven Craig Musick
R. Scott Peoples
Mitchell Wade Perry
Timothy Warren Pluta
Juan Oscar Rodriguez
Michael Dean Rounsavall
Mojdeh Sadaghiani
Thomas Arthur Shelly
Luther Lee Simmons III
Matthew J. Simmons
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Established 1920

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Virginia Altman Bethune
Lynne Marie Browne
Lynn Margaret Bukky
Stanley Carlton Cagle
Jane Carroll
Marsha Jean Hairston
Marmaduke Sidney Miles
Eddie Lewis Morgan
Meredith Susan Moss
Sara Wright Murrey
Laura Beth Oberkircher
Carmealita T. Smith
Charlotte Oneal Summey
Michelle Beth Topal

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Established 1931

Presented by
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Loretta Joy Bohn
Wyman Carlton Brown
Thomas Kevin Cherry
Jennifer Lane Diemand Cassidy
Denise Renee George
Michele Faye Gordon
Linda Carol Johnson
Elizabeth Anne Klausman

Andrew Scott Koebrick
Kelley Ann Lawton
Stephen Lee Mantz
Judith Croft Mays
Katherine A. McGinn
Lisa Bumphus Parker
Jodi Page Sanderlin
Natalia N. Smith
Beth E. St. Cyr
Mary Elizabeth Stevens
Meryl Ellen Vlatas
Victoria Young

MASTER OF SCIENCE IN INFORMATION SCIENCE

Michael Jon Albrecht
Haesoon Cho
Nicole R. Magas
Roberta Elaine Wright

CERTIFICATE OF ADVANCED STUDY IN LIBRARY SCIENCE

Chiou-Yan Lin

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Established 1939

Presented by
Dean Michel A. Ibrahim

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Jaime Becerra
Elizabeth Anne Bell
Virginia Altman Bethune
Diane Lynn Bloom
Kathleen Krajci Buckheit
Kathy Cahill
Robert Allen Carter
Jerry Peter Cegielski
Yi-Yun Chang
Ronald Richard Chenette
Yancey Sanchagrin Crawford
Karen Cecile Davis
Sandra Jean Diehl
Elizabeth Ellen Dixon
Melanie Noyes Dreiman
Alyssa Pender Fairchild
Julieta C. Garcia
Yolanda Geddie-Dawson
Jenifer Ruth Goldman
Elizabeth M. Gutierrez
Holli Anne Hamilton
Siegrid Marie Hessenthaler
Elizabeth Dianne Hilborn
Francine Shih-Hsin Hsu
Karen Parrish Jarmon
Robert G. Jeffers
Suzan Khadijah Kazemi
Cynthia Ann King
Barbara Ann Laraia
Francisco Jose Lavin
David Lee Machles
Melissa J. Malkin
Lucy Sejo Maribe
Kerry Lynn Martin
Mildred Diane Matthewson
Michael Joseph McMahon
Susan Rupp Mims
Ingrid Yvonne P. Moffie
Mohamed Rasheed Moosa
Emma Brown Morton
Meredith Susan Moss
Peter Mokua Nyarango
Anne Christian Ogburn
Juan Jose Orellana
Nanci M. Pedulla
Alexis Vincent Pezzullo
Mark Donald Piehl
Sara Carr Puckett
Barbara Joan Rawlins
Marie Kathleen Richards
Elizabeth Ursula Schwarte
Douglas Ronald Smucker
Shirley Ann Spater
Cora D. Spaulding
Elizabeth Ann Stern
Tara Smith Strigo
Barbarann Burman Talbott
Beverly Ann Turpin
Denise Svendsgaard Williamson
Linda S. Williford
Wayne Lee Wilson
Kelley Lynn Wise
Graydon Tomio Yatabe

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John Hardee Bethea
David Matthew Carlock
Michael Thomas Dowd
Anthony Robert Gagliostro
Lori J. Harrington
Paula Maureen Hemmer
Peter Iliev Iliev
Tracy Lynn Jackson
Stephen Basil Kachur
Jeffrey Robert Kissell
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Vijayanivas Ramachandra Raghu
Paul Vincent Savard
Alick Edward Smith
Marla Ellen Smith
Vanessa Lynn Speight
Geoffrey Paul Thyrum
Bruce Andreas Utne
Gary John White
Aiwei Yang

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Robert Charles Ajemian
Janet Gale Alexander
Wendy Stein Alfieri
David Matthew Carlock
Daughn Eunice Charles
Dana Lynn Coe
Jane Marie Crowley
Latonya Wyvette Danzy
Kenyon Lee Draper
Russell Frankel
Michael Joseph Holland
Chang-Fu Hsu
Fu-Jhy Hsu
Yu-Pang Lin

During my four years as a graduate student at UNC, not only did I enjoy the great academic facilities of the University, I also enjoyed being at the University of National Champions (UNC) in sports.

NICHOLAS NG'ANDU

Gregory Michael Melia
Catherine Crossman Paton
Jennifer Leigh Platt
Priya Ramachandran
Harvey Marc Richmond
Markus Jurg Steiner
Ling Tai
Maria Sue Tomasko
Susan Elizabeth Wilson
Sherry Lynn Yarkosky

MASTER OF HEALTHCARE ADMINISTRATION

William Leonard Lang
Brett W. Moran

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Established 1950

Presented by
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Christie Worcester Baxter
Susan Kay Ransom Collins
Elaine McDonald Culverhouse
Patricia Ann Cunningham
Dana Lynn Fifield
Ann M. Finch
Sandra Jean Fitzgerald
Tammy D. Griffin
Rebecca Sue Hasmann
Mary Kathleen T. Helak
Karen Lynn Hogan
Kathleen McGraw Janus
Debra Louise Jenkins
Ann Neighbours Jessup
Karen Renee McCain
Marrilyn Diane McGuire
Karen Marie Miller
Elaine Patricia Moriarty
Susanne Leisn Newton
Donna Suzanne Odem
Lisa Lee Ramey
Leslie Anne Rucker
Tina Hill Scott
Jean Ann Smith
Linda Baker Stover
Margaret Anne Wasserman
Sherry Brown Wilson
Dorothy Botsch Wishnietsky
Catherine Kipp Wright

DECEMBER 1994 CANDIDATES FOR BACCALAUREATE DEGREES

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Presented by
Dean Stephen S. Birdsall

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Brian Nelson Agee
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Jonathan Chapin Allen Jr.
Roy Edward Allen
Stephanie Beth Allen
Steven James Anson †
Chinita Caresse Arceneaux
Elizabeth Carter Ashburn
Daniel Parker Ashley
Katherine Susan Askew
Jaymie Rae Atkins
Nova Christina Atkins
Ayo Shanti Atterberry
John Albert Aumiller Jr.
Hardee Alan Averette Jr.
Scott Lewis Aycock *
Renele Nadine Azzu
Nina Ann Baccanari
Amy Beth Backes
Jeremy Scott Baggish
Joseph Augustine Bailey IV
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Elizabeth Memory Barnes
Kiersten Clare Bashor
John Gregory Bass
Jason David Bauer
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Terese Marie Black
VaLerie Gail Blackwelder
Jonathan Grandis Blatt
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Stephen Paul Braswell
Sabrina Michele Breed
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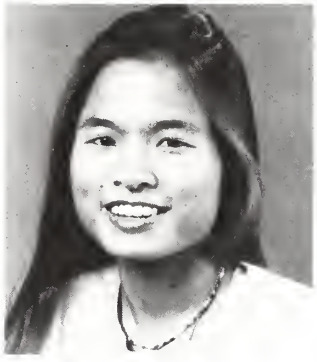
Mary Elizabeth Broadfoot



Through all of my relationships and experiences at Carolina, I have learned many things about myself, things that I could not have experienced or understood if I had never been here. I believe that through these experiences, I have become a better and stronger person and I owe this all to Carolina.

HEW FONG LEE

Leslie E. Brock
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Kenneth C. Brown
Kevin Lee Brown
Amy Nicole Bryan
Brian Thomas Bryant
Catherine Love Burgess
Kerri Lynn Burleigh
Gregory Mark Burress
Ellen Connor Bush
Nora Dineane Buttram
Edward Foster Byrd
Julie Anne Caldwell
Denise Sandra Cann
Julie Anne Canning
Marie-Hélène Olivia Carleton *
Lena Chun
Elizabeth Joan Cleary
Michael Edwin Collins
John Craig Comer
Jesse Lee Cooke Jr.
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Nan Vickers Crawford
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Jeannetta Cleo Crutchfield
Sheila Margaret Cryan
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Mary Francis Dail
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Daisie Danelle Daniels
Patricia Grace Daugherty
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Suzanne Talley Davis
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Joanne Deveaugh-Geiss *†
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Sandra Lynne Goode
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John Martyn Gunn
Laura Marie Guy ††
John Richard Haber
Melodie Camille Hahn
Christopher Heath Hair
Tonya Raynette Haithcock
Christopher Lawrence Hall
Willaim Leslie Hall III

** Indicates probable candidates for degrees with distinction or highest distinction based on GPA going into final semester.*
† Indicates Honors recipients.
†† Indicates Highest Honors recipients.

Lee Daniel Hamilton
Terensia Michelle Hamlett
Ingrid Alvhild Hantho
Haraldur Andri Haraldsson
Virgena Denise Hargrove
Angie Lanetta Harris
Reginald Woodrow Harrison III
Richard Lee Hart
Crystal Dione Harwell
Todd Louis Haskins
Kristen Lynn Hawkins
Jason Daniel Hayes
Darryl Reed Head
Kawana Renee Headen
Michelle Lee Hedgepeth
Jennifer Ruth Hege
Steven Robert Heldt
Laura Jean Hendrixon
Geoffrey Alan Henson
Martha Elizabeth Hertz
Radcliff Collins Hester
Douglas Ryan Heye
James Robert Hicks
Lynda Carol High
Jonathan Burke Hobgood
Michael Casey Hoch
Kimberly Jo Hodge
Kirstie Laynette Hodge
Susan E. Holladay
Paula Faye Hollar
Sharon Lynn Holsclaw
Rebecca Elizabeth Marian Holzer
Monica Denise Hooker
Lisa Nicole Houser
Donald Wesley Howard
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Marcellus Antoine Howard
Hans Hongi Huang
Victoria Ann Huff
Jackie Marie Irwin
Anjanette Jackson
Jennifer Lee James
Jon Kristopher Jester
Catina Rena Johnson
Mark Stewart Johnson *
Nathan Howard Johnson
Patrick William Johnson
Julius Johnston IV
Anastasia Jewell Jones
Emily Ann Jones
Perrin Wayne Jones †
Jonathan Brett Joyal
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Angela Kelly
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Jesanne Lakei Langston
Shirley Renee Lazaro
Pamela Leake
Malgorzata Hans Lee *
Sheritha Parnice Lee
Stephen Robert Lee
Chad Wesley Lefler
Brett Russell Lewis
Christopher Marshall Lindsay
Richard Adam Lischer
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Melva Jule Mansfield
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Brandye Caroline Martin
Joseph Allen Massey
Trilaine Camille Massey
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Holly Elizabeth Maxey
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Heather Shannon McCary
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Jonathan Atkins McDevitt
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Corbin Edward Meek
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Bhavin Mehta
Daniel Dewayne Melvin
David Christopher Meyer
Anthony Dion Miles
James Edward Miles III
Robert Patrick Miley
Wendy Lynn Mills
Dwight Whitney Monk
Scott Abbott Monroe
Brock Patrick Moore
Andrew Glenn Moretz
Duncan Kevin Morgan
Tracey Ann Morrell
Shannon Renee Moss
Laurie Christine Murdock
William Randall Murray
Jason Douglas Newton
Susan Margaret Nininger
Orathai Meon Northern
Virginia Odneal
Robin Linn Oney
Lisa Ronette Oxendine
Robert James Palmer
Vincent Alan Palmieri
Allison MaeAnn Parker
Jeremy Wheeler Parks
Nisha J. Patel

One of the many highlights from my years at Carolina is the overwhelming beauty of the campus. In the midst of all the beauty, I absolutely loved the trees. They would always catch my eye whether they were turning bright orange and yellow in the fall, or if they were blooming in the spring. This was so encouraging and refreshing, relaxing and calming. Definitely essential in the life of an oftentimes stressed-out college student.

TERENSIA HAMLETT

Stacie Dyan Peacock
Christopher James Pedigo
Jere Sabiston Pelletier
Joseph L. Perry
Rodney Len Peterson
Stephens Gray Pettigrew
Derrick Michael Phelps
William Todd Phillips
Peter Anthony Pignetti III
Greer Barber Pope
Russell Alan Pope
Jacqueline Potter
Dedric Alejandro Powell
Derek Powers
Sharronn Denise Price
Leashia Shenail Pridgen
Meredith McCaskill Prince
Mark Donavon Prindle
Amanda Jane Pringle
Mary Williams Pruss
Martha Ellen Pryor
Hannah Elizabeth Purcell
Ashley Weaver Putnam
Francis Ford Pyne II *††
Christopher Jordan Qualls
Grace Elizabeth Raiford
Yvette Michelle Reade
David Wilburn Reich III †
Jeremy Nash Reiter
Kathy Reniers
Gary Shawn Reynolds
Jennifer Kristen Rhyne
Leslie Denise Rhyne
Beverly Jaquette Riley
Cristina Taylor Roberts
Melisa Leigh Roberts
Jennifer Leslie Robinson
Sharon Therese Rodberg
Nicole Marchell Rogers
Roger Johnson Roper
Maureen Lynn Rottschaefer
Jennifer Jo Rowe
Teresa Gale Royster
Christopher Michael Runyan
Emily Louise Russ
Gregory Reich Russ
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Edward Sean Ryan
Sophia Sacks
Joanna Eileen Sahm
Dana Janette Sari
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Israel Toren Savage
Thomas Joseph Schmitt
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David Willem Serxner
Lamar Freddie Shannon
Thomas Robert Shaw
Matthew Thomas Sherman *†
Bridgett Antionette Shoffner
Hall Johnston Sifly
Jeffrey L. Sigman
Michelle D. Sinnott

Caroline Emma Slade
Rosamond Lucile Sloan
Adam Miles Smith
Clifton Call Smith
Colin C. F. Smith
Demetria Lynette Smith
Jason Dax Smith
Marshall Edward Smith
Patricia Gayle Smith
Robert Bruce Smith
Timothy Cornail Smith
Christopher Allen Smithson
Lori Ann Snyder
Rajesh B. Solanki
Kimberly Elizabeth Sparling *
Jason Bain Sparrow
Arthur Marshall Spencer IV
Dawn Michelle Spiggle
Kelly Jo Staley
Trudy Anita Stallings
Jonna Patterson Steward
Christina Lynne Stiegelmeyer
Melissa Martin Stout
Jennifer Lynn Strickland
Renee Susanne Stutz
Daniel Allen Summerlin
David Stewart Surles
Joshua Moon Sussman
Robert Reed Taylor
Colette Teachey
Jonathan Marc Tepper
Ashley Christine Terrell
Melissa Susan Trachtenberg *††
Carolyn Strong Turner
DeAnna Michele Turner
Maria Venakides
John Thomas Voncannon
Deborah Anne Wade
Mary Carla Wade *
Ryan Kenneth Wade
Charles Brent Walker
Raney Lindsay Walker
Germaine Ann Wallace
Mary Leigh Wallace
Jae Poteat Walser
Stephanie Anne Walsh
Christina Lynn Watkins
Gwendolyn Marie Watkins
Tia Desha Wesley
Peggy Lynn Wetzel
Angela Elizabeth White
Albert Todd Whiteside
Ellen Gail Whitlock
Andre Lamount Williams
Brian Fred Williams
Kristin Holler Williamson
Matthew David Williamson
Shelly Aleta Willingham
Sharon Candace Wilson
David Michael Winokuer
Evan Wittels
Frederick Anthony Womble
Merry Ann Wood

Carolina has been intellectually challenging, personally rewarding, and socially like nothing I've experienced before.

MATTHEW SHERMAN

Rosalind Elaine Wood
Michael John Wray
Richard Gregory Wright
Edward Terence Yani Jr.
Amy Lynn Yarbrough
Gal Shaul Zauberman *††

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Jovanna B. Hall

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John Carl Allen III
Diana Elizabeth Balletta
Cari Allison Barringer
Ankur Bhagat
Krongkaeo Chanasar
Rhonda Lenore Cox
Suzanne Marie Deal
Leigh Ann Edwards
Carmen Michele Ferguson
Karen Ferri
Paul William Foxson
Brenda Laverne Franklin
Teresa Nicole Furlough
Lisa Carol Glover *
Sally Andrews Gowen
Jason Iago Guidry
Jeanne Elise Hendrickson *
Victoria Margaret Herriott *††
Cathy E. Jimmerson
Charles Bradley Jones
Dawn Alison Jones
Sonya Yvette Jones
Stephen Lawrence Keith
Angela Michelle Lavender
Hew Fong Lee
Rebekah Ying-Ching Lee *
Samson J. Lee *
Penny Loukas
Jennifer Michele Lucas
Diana Mah
Cabrini Hyunju Pak
Kapila Parag Patel
John Kerr Robertson †
Brian Kenneth Schenck *
Michael Christopher Stahl
Carl Joseph Szczesniak
Mark Andrew Turner
Christa Nevieve Way

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Shelley Ann Finger *
Robert Andrew McMillan Jr.
Sun Ku Song
Danielle Claire Stines

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Myloan Hoang Dinh
Robert Smith Howell Jr.
Dinah Jane Lieurance

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Brian Keith Banks
James Scott Joines
Andrew William Plummer
John Bradley Howard Webb

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Seth Allen Richards
Lucio Cunha Tinoco *

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Clinton Grey Eaves
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Shawn Ray Mehan

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Colleen Rebecca Boyea
Todd Anthony Fekete
Robyn Renee Ford
Bryce B. Reeve III *

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Established 1879

Presented by
Dean Michael A. Simmons

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Darlene Levida Brown

BACHELOR OF SCIENCE IN RADIOLOGIC SCIENCE

Suzanne Renee Dailey

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Established 1885

Presented by
Dean Donald J. Stedman

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Ivy Alicia Brown
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Karol Combs
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Dana Leigh Cooke
Robin Yvette Freeman
Tricia Lynn Guiff
Kelley Bullock Hasapis
Tonya Carol Horton

Jill Marie Jarman
Jodie Lynn Joines
Carla Yvette Joyner
Allison Ann Kairies
Judith Harrell Kirkman
Melinda Grace Nichols
Kyle Quinlan Noone
Mary Beth Parker
Anne Catherine Pickler
Brigitte Christel Schmid
Christina Jane Shimel
Sebastian Cravor Shipp
Kathleen Marie Sims ⋆
Kyle Bethany Thomas
Nancy Scott Thomas
Joy Elizabeth Thompson

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James Michael Elliott
Julie Renee Fraley

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Established 1897

Presented by
Dean William H. Campbell

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Medinat Sholape Alimi
Kara Lesser Andrews
Amy Elizabeth Bates
Windell Brookshire
Cynthia Koontz Clark
Kristin Carol Clark
Elizabeth Page Crenshaw
Mary Kristen Henry
Leila Moghadasi Jahad ⋆
Tonya Taylor James
Amy Leigh Joyce
Katherine Christine Krueger
Brian Scott Marks
Dana Joetta Oakes
Lena Vinayak Patel
Tereon Marce Stanley
Shimul Paresh Vasa
Cheryll Johnson Wade
Tamika Lavon Wright

⋆ *Indicates probable candidates for degrees with distinction or highest distinction based on GPA going into final semester.*
† *Indicates Honors recipients.*
†† *Indicates Highest Honors recipients.*

THE KENAN-FLAGLER BUSINESS SCHOOL

Established 1919

Presented by
Dean Paul Fulton

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Kelly Lynn Andrews
Aimee Danielle Beauchaine
Louis Gray Clark Jr.
Donna Marina Cummings
Kristen Rebecca Eleazer
David Scott Esham
Kirk William Heath
Carie Mae Hill
Kimbrelly Nicole Kegler
James Francis Kelly
Aaron Joseph Kowan
Meredith Elise Lasater
David Kenneth Lemnah
Michael Shay Lilly
Carey Elizabeth Maxwell
Ryan Mclean Parnell
Pettigrew Yorke Pharr
Charles Brion Snyder
James Francis Sutton
Sam Trachtenberg

THE SCHOOL OF JOURNALISM AND MASS COMMUNICATION

Established 1924

Presented by
Associate Dean Thomas A. Bowers

BACHELOR OF ARTS IN JOURNALISM AND MASS COMMUNICATION

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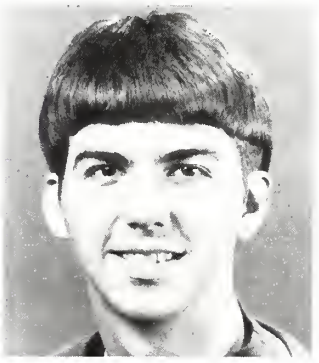
Amy Michelle Cox
Brook Barnhill Davis
Keith Fredric Ganz
Kenyatta Upchurch Gardner
John Edward Garner
Allison Marie Hill
Lynelle Amy Hovaniec
Delon Philip Howell
Samuel Speight King
Karen Michelle Kirchhoff
Danielle Marie Klump
James Blake Kritzer
Meredith Alyson Little
Wendy Jane Mascetti
John Thomas Mims
Russell Brian Moore
Cassandra Blythe Najarian
Christopher Andrew Nichols
Heather Wynn Phibbs
Holly Michelle Ramer ⋆
Tamson Terrell Riddle
Eliza Reford Root
Heather Graham Sarra
Deborah Ann Stengel
David Ross Taylor Jr.
Eric Eugene Vickers
Tiffany Ellen Vickers
John Thomas Walsh Jr.
Craig Peter Weber Jr.
Brian Thomas Welsh
Jonathan Blake Whisenant
William David Whisenant
Jonathan Alan Whitacre
Karisue Merie Wyson



It wasn't all facts and figures; it was how to think and be. That's what I'm really taking with me. In a sense, I'll never leave Carolina. So long as I stay open to new ideas and ways of being I'll always be here.

BRADLEY KING

THE SCHOOL OF PUBLIC HEALTH

Established 1939

Presented by
Dean Michel A. Ibrahim

BACHELOR OF SCIENCE IN PUBLIC HEALTH

Adam Jacob Amante ⋆
Rodney Eugene Ball
Kimberly Rose Brown
Naama Zoe Ende ⋆
Erica Cherie Evans
Christopher Anthony Fuerst
Anuradha Ghosh
Emma Jean Gilgenbach
Andrea Marie Green
Caroline Patricia Hamling
Virginia King Kessing
Katherine Leinfelder-Newton
Shannon Leigh Pitner †
Samuel Chris Reberg-Horton ⋆†
Christy Ann Schrader
Ashlea Faye Scott
Scott Mclean Shaw
Tanya Renee Stoecker
Robert Edward Whitfield II

THE SCHOOL OF DENTISTRY

Established 1949

Presented by John W. Stamm

BACHELOR OF SCIENCE IN DENTAL HYGIENE

Ladonna Evete Evans

SCHOOL OF NURSING

Established 1950

Presented by
Dean Cynthia M. Freund

BACHELOR OF SCIENCE IN NURSING

Phyllis Goss Baker
Stephanie Lorraine Patterson
Dianna Lee Wilson ⋆
Shannon Diane Wogen-Carlson

THE GRADUATE SCHOOL

Established 1876

DOCTOR OF PHILOSOPHY

Paula Catherine Adams, *Toxicology,* The Intestinal Absorption, First-Pass Metabolism and Pharmacokinetics of a Model Xenobiotic, 1,3-Dinitrobenzene, in the Rat. (Under the direction of Professor Douglas E. Rickert.)

Saad Mauf Al-Thomali, *Mass Communication,* Environmental Uncertainty and Public Relations' Unit Structure and Communication Strategies. (Under the direction of Professor Dulcie Straughan.)

Elton Philip Amburn, *Computer Science,* Development and Evaluation of an Air-to-Air Combat Debriefing System Using a Head-Mounted Display. (Under the direction of Professor Frederick P. Brooks Jr.)

Karen Ann Augustine, *Cell Biology and Anatomy,* Elucidating the Roles and Interactions of Wnt-1, Wnt-3a and Engrailed During Murine Development Using Antisense Oligonucleotides and Mouse Whole Embryo Culture. (Under the direction of Professor T.W. Sadler.)

Joan M. Baran, *School Psychology,* The Impact of Prenatal Cocaine Exposure on Toddler Attention. (Under the direction of Professor Karen O'Donnell.)

Jay Barth, *Political Science,* Republican Problems Down Ticket: The Persistence of Democratic Control Below the Presidential Level in the South. (Under the direction of Professor Thad L. Beyle.)

Amy Claudette Bender, *Educational Psychology,* Paideia Seminar Teaching Guide: An Assessment Instrument to Identify Skills for Effective Seminar Teachers. (Under the direction of Professor Kinnard P. White.)

Hakan Berument, *Economics,* The Effects of Government Structure on Expenditure Financing. (Under the direction of Professor Richard Froyen.)

Susan E. Birchfield, *Psychology,* Social Participation Among College Students: Preference/Behavior Discrepancy. (Under the direction of Professor W. Grant Dahlstrom.)

Keisa R. Birdwell, *Chemistry,* Carbohydrate Characterizations on b-F-1 and the Involvement of Lys57 in Binding of the b-F-1/Ca2+ Complex to Anionic Phospholipid Vesicles. (Under the direction of Professor Richard G. Hiskey.)

Glen L. Bleske, *Mass Communication,* The Effects of Headline Style and Content on Reader Learning from a News Story. (Under the direction of Professor Frank Biocca.)

Cynthia Ann Bolton, *Educational Psychology,* Performance Assessment in Education: The Construct Validity of Professional Relationships. (Under the direction of Professor Kinnard P. White.)

Geoffrey M. Bove, *Cell Biology,* Group IV Nociceptors of the Rat Paraspinal Tissues. (Under the direction of Professor Alan R. Light.)

Jay Christopher Brumfield, *Chemistry,* Investigations of the Chemical and Spatial Properties of Modified Electrode Surfaces Using Scanning Probe Microscopies. (Under the direction of Professor Royce W. Murray.)

Teresa A. Capone, *Biology,* The Experimental Dynamics of Mate Choice: Preference and Process in the Green Stink Bug. (Under the direction of Professors Leslie A. Real and Alan Stiven.)

Mario Joseph Serge Gerard Champagne, *Music,* The French Song Cycle (1840-1924) with Special Emphasis on the Works of Gabriel Fauré. (Under the direction of Professor James Haar.)

Heng Chu, *Computer Science,* Semantically Guided First-Order Theorem Proving with Hyper-Linking. (Under the direction of Professor David A. Plaisted.)

Margaret M. Commins, *Political Science,* From Security to Trade in U.S.-Latin American Relations: Explaining U.S. Support for Free Trade with Mexico. (Under the direction of Professor Lars Schoultz.)

Laurie Stuart Cosgriff, *Classics,* The Ethopoiia of Plato's Republic. (Under the direction of Professor Edwin L. Brown.)

Mary E. Coussons-Read, *Psychology,* Analysis of the Pavlovian Conditioning of Morphine-Induced Alterations of Immune Status. (Under the direction of Professor Donald T. Lysle.)

Bart Allen Dredge, *Sociology,* From Dust to Dust: Byssinosis and the Carolina Brown Lung Association. (Under the direction of Professor Craig J. Calhoun.)

Thomas B. Eckstein, *Environmental Sciences and Engineering,* Sequential Advanced Oxidation-Biodegradation of Aimple Aqueous Aolutions of Aromatic Compounds. (Under the direction of Professor Frederick K. Pfaender.)

Benjamin O. Fordham, *Political Science,* Building the Cold War Consensus: The Political Economy of U.S. National Security Policy, 1940-1951. (Under the direction of Professor Timothy J. McKeown.)

Steven Todd Garren, *Statistics,* Parametric and Nonparametric Modeling of Data Using Sampling Algorithms. (Under the direction of Professor Richard L. Smith.)

Thomas Payne Gaunt, *City and Regional Planning,* S.J., Social Networks in Citizen Participation: Determinants of Influence in Human Services Planning. (Under the direction of Professor David R. Godschalk.)

Neena Grover, *Chemistry,* Interactions of Ruthenium(II) and Ruthenium(IV) Complexes with DNA. (Under the direction of Professor H. Holden Thorp.)

Zhibin Guan, *Chemistry,* Homogeneous Free Radical Polymerizations in Supercritical Carbon Dioxide. (Under the direction of Professor Joseph M. DeSimone.)

Victoria Frances Guarisco, *Chemistry,* Characterization of Phospholipid Langmuir-Blodgett Films Using X-ray Photoelectron Spectroscopy and Time-of-Flight Secondary Ion Mass Spectrometry. (Under the direction of Professor Richard W. Linton.)

Donna R. Hartney, *Adult and Higher,* The Management of Information System Projects: A Study of Critical Success Factors. (Under the direction of Professor David L. Clark.)

Timothy J. Henderson, *History,* The Robber Queen: Rosalie Evans and the Mexican Revolution. (Under the direction of Professor Gilbert M. Joseph.)

Wilhelmena Rae Herritage, *Special Education,* An Examination of the Perceived Needs and Resources of African American Parents of Children With and Without Disabilities. (Under the direction of Professor Rune Simeonsson.)

Tammy Bunn Hiller, *Business Administration,* Cross-Cultural and Psychological Influences on Competitive Strategic Decision Making. (Under the direction of Professor Thomas S. Bateman.)

Barbara Jean Hoopes, *Operations Research,* Production Scheduling in Parallel Manufacturing Cells with Resource Flexibility. (Under the direction of Professor Joseph B. Mazzola.)

David Richards Hotchkiss, *Economics,* The Role of Quality in the Demand for Health Care in Cebu, Philippines. (Under the direction of Professor David Blau.)

Yuming J.B. Hu, *Mass Communication,* Colonial Origins of the U.S. Government's Enforcement of Political Conformity and Ideological Exclusions. (Under the direction of Margaret A. Blanchard.)

Li Huang, *Pharmacy,* Synthesis and Anti-HIV Activity of Dihydroseselin Derivatives. (Under the direction of Professor Kuo-Hsiung Lee.)

David Kellogg, *English,* Deploying the Poetic: The Discursive Construction of Contemporary American Verse Culture. (Under the direction of Professors James P. Thompson and Linda W. Wagner-Martin.)

Ajay Khorana, *Business Administration,* Performance and Asset-Allocation Behavior of Mutual Fund Managers: Efficiency Implications for Capital and Managerial Markets. (Under the direction of Professor Jennifer Conrad.)

Jeffrey Michael Konz, *Economics,* Interregional Capital Flows and Profit Rate Equalization. (Under the direction of Professor William A. Darity Jr.)

Tzy-mey Kuo, *Psychology,* Examining Learning Produced by Study and Retrieval Processes. (Under the direction of Professor Elliot Hirshman.)

Stephen Rogers Lau, *Physics,* Canonical Variables and Quasi-local Energy in General Relativity. (Under the direction Professor James W. York Jr.)

Duanping Liao, *Epidemiology,* A Population-Based Study of Heart Rate Variability. (Under the direction of Professor Gerardo Heiss.)

Zhan-Qian Lu, *Statistics,* Estimating Lyapunov Exponents in Chaotic Time Series with Locally Weighted Regression. (Under the direction of Professor Richard L. Smith.)

Heather MacLean, *Romance Languages,* Science Fiction and Surrealism: A Reader's Dream. (Under the direction of Professor Yves de La Queriere.)

Sarah R. Marino, *English,* "Almost Infinite Variation": Eighteenth-Century Epistolary Fictions. (Under the direction of Professor James P. Thompson.)

Lauro Lopez Mata, *Biology,* Coexistence of Quercus and Carya in Natural Upland Hardwood Forests of the North Carolina Piedmont. (Under the direction of Professor Robert K. Peet.)

Cynthia Sanders McCarty, *Economics,* Ruble Convertibility: The Opening of the Russian Economy. (Under the direction of Professor Steven Rosefielde.)

Edgar Vernon McKnight Jr., *English,* Alternative History: The Development of a Literary Genre. (Under the direction of Professor Julius R. Raper.)

Lynn Milich, *Biochemistry,* A Comprehensive Analysis of Sequence Heterogeneity in the V3 Region of the HIV-1 Env Protein. (Under the direction of Professor Ron Swanstrom.)

Margaret Wohlenberg Miller, *Ecology,* Ecology of a Temperate Coral. (Under the direction of Professors Mark E. Hay and Seth R. Reice.)

Irwin L. Morris, *Political Science,* Congress, the President, and the Federal Reserve: The Politics of American Monetary Policy. (Under the direction of Professor William Keech.)

Hans-Friedrich Otto Mueller, *Classics, Exempla tuenda:* Religion, Virtue, and Politics in Valerius Maximus. (Under the direction of Professor Jerzy Linderski.)

Neil W. Mulligan, *Psychology,* Measuring the Bases of Recognition Memory: An Investigation of the Process Dissociation Framework. (Under the direction of Professor Elliot L. Hirshman.)

Andrew Michael Myers, *Pharmacy,* Phenylaminotetralins as Ligands for the Neuromodulatorys3 Receptor. (Under the direction of Professor Steven D. Wyrick.)

Mary Lynn Nichols, *Mass Communication,* The Evolution of the Right to Inspect and Copy Judicial Records Since Nixon v. Warner. (Under the direction of Professor Ruth Walden.)

Sally Eileen Norman, *Music,* Cyclic Musical Settings of Laments from Ariosto's Orlando furioso. (Under the direction of Professor James Haar.)

Lawrence Dean Oliver, *Environmental Sciences and Engineering,* Stochastic Hydrologic Modeling Using Diagrammatic and Space Transformation Techniques. (Under the direction of Professor George Christakos.)

Lori Beth Oshrain, *Psychology,* Anxiety Across the HIV-Spectrum Disorders: A Study Using the MMPI-2. (Under the direction of Professor W. Grant Dahlstrom.)

Gary A. Patterson, *Business Administration,* Time Varying Autocorrelation in Stock Returns: Its Interaction with Noise and Informed Trading Around Earnings Announcements. (Under the direction of Professor Jennifer S. Conrad.)

Joseph Allan Pedit, *Environmental Sciences and Engineering,* An Investigation of Sorption by Heterogeneous Natural Solids. (Under the direction of Professor Cass T. Miller.)

Annette R. Perot, *Counseling Psychology,* Factors Related to the Likelihood That Undergraduate Males Might Sexually Harass Their Female Peers: A Person-Environment Interaction. (Under the direction of Professor Linda Brooks.)

Mark Peters, *Chemistry,* Molecular Engineering of Well-Defined Heterophase Materials. (Under the direction of Professor Joseph M. DeSimone.)

Mary Pommerich, *Psychology,* Incorporating Background Variables into the Mantel-Haenszel Procedure for Detecting Differential Item Functioning. (Under the direction of Professor David Thissen.)

Kelly Renee Powell, *Psychology,* The Role of Serotonin in the Antinociceptive Effects of Mu- and Kappa-Opioids in the Squirrel Monkey. (Under the direction of Professor Linda A. Dykstra.)

Lakshman Ramamurthy, *Biology,* snRNA 3' End Formation and Nucleo-cytoplasmic Transport. (Under the direction of Professor William F. Marzluff.)

Injong Rhee, *Computer Science,* Efficiency of Partial Synchrony, and Resource Allocation in Distributed Systems. (Under the direction of Professor Jennifer L. Welch.)

John Norris Richardson, *Chemistry,* Investigations of Electron Transfer Kinetics and Activation Energetics of Diffusing and Electrode-Bound Redox Species at Ultralow Temperatures. (Under the direction of Professor Royce W. Murray.)

Michael David Roberson, *Biochemistry,* Response of Scwhann Cells to Neurotoxicants. (Under the direction of Professor Pierre Morell.)

Joaquin J. Rodriquez-Barbera, *Romance Languages,* Mientras yo podo las viñas de Agustin Castellanos, con la Colaboración de Lope de Vega. Primera Edicion y Estudio. (Under the direction of Professor Frank A. Dominguez.)

R. Fernando Salazar, *Epidemiology,* Distribution and Risk of Coronal Caries in Older Iowans. (Under the direction of Professor Ronald Hunt.)

Teresa Terrazas Salgado, *Biology,* Wood Anatomy of the *Anacardiaceae:* Ecological and Phylogenetic Interpretation. (Under the direction of Professor William C. Dickison.)

Roy K. Salomon, *Environmental Sciences and Engineering,* Pollution Prevention in Air Force System Acquisition Programs. (Under the direction of Professor Deborah Amaral.)

Georgette Lynne Sass, *Biochemistry,* Molecular and Developmental Analyses of the ovarian tumor (*otu*) Gene of *Drosophila melanogaster.* (Under the direction of Professor Lillie L. Searles.)

Lucy Ann Savitz, *Health Policy and Administration,* The Influence of Maternal Employment on Obstetrical Health Care-Seeking Behavior. (Under the direction of Professor Thomas C. Ricketts III.)

Michael J. Schmais, *Political Science,* Explaining Peasant Protest: Land Occupations and Small-Producer Organizations in Contemporary Costa Rica. (Under the direction of Professor Jonathon Hartlyn.)

Geoffrey M. Schoenbaum, *Neurobiology,* Information Coding in the Rodent Prefrontal Cortex and Olfactory System: Single Neuron Characteristics in Orbitofrontal and Piriform Cortices and Ensemble Performance in Orbitofrontal Cortex. (Under the direction of Professor Howard Eichenbaum.)

Paul Anthony Sigismondi, *Physics,* The Role of Magnetic Fields in Astrophysical Outflows. (Under the direction of Professor Charles R. Evans.)

Euridice Silva, *Romance Languages,* The Carnivalization of the Wor(l)d in the Theater of Qorpo-Santo. (Under the direction of Professor Fred M. Clark.)

Tina M. Smith-Bonahue, *School Psychology,* Maternal Perceptions and Infant Temperament of Infants Prenatally Exposed to Cocaine: A Longitudinal Study. (Under the direction of Professor Rune J. Simeonsson.)

Lycourgos Spanos, *Chemistry,* Studies of Silicon Surface Roughness Using Fractals, Atomic Force Microscopy, and Spectroscopic Ellipsometry. (Under the direction of Professor Eugene A. Irene.)

William Lloyd Stanford, *Microbiology,* The Genomic Structure, Hematopoietic Expression, and Function of Ly-6A. (Under the direction of Professor H. Ralph Snodgrass.)

William T. Stringfellow, *Environmental Sciences and Engineering,* The Physiology and Kinetics of Polynuclear Aromatic Hydrocarbon Degradation by Bacteria. (Under the direction of Professor Michael D. Aitken.)

Chen-Jung Tsao, *Psychology,* Factors Affecting Multiple-Cue-Probability Learning: Evaluative Feedback and Time Pressure. (Under the direction of Professor Thomas S. Wallsten.)

Nwabufo Okeke Uzodike, *Political Science,* Economic Reform and Internal Political Process in Nigeria. (Under the direction of Professors Julius Nyang'oro and Jack Donnelly.)

David Duane Vandenberg, *Comparative Literature,* Reading the Book of Nature in E.T.A. Hoffmann, Herman Melville, and Mary Shelley. (Under the direction of Lilian R. Furst.)

Amitabh Varshney, *Computer Science,* Hierarchical Geometric Approximations. (Under the direction of Professor Frederick P. Brooks Jr.)

Elinor Ann Walker, *English,* Redefining Southern Fiction: Josephine Humphreys and Jill McCorkle. (Under the direction of Professor Fred Hobson.)

Rosemary Clare Walsh, *Biochemistry,* Cloning and Analysis of the ovarian tumor (*otu*) Homolog from *Drosophila ananassae.* (Under the direction of Professor Howard M. Fried.)

Jia-Gang Wang, *Parasitology and Laboratory Practice,* Structural and Functional Analysis of Hepatitis Delta Virus Antigen. (Under the direction of Professors Ralph S. Baric and Stanley M. Lemon.)

Michael J. Welsh, *Geography,* Peer Educators' Geographic Range of Effect: An Analysis of an AIDS Intervention in the Dominican Republic. (Under the direction of Professor Melinda Meade.)

Mary Wheeling White, *English,* Writing Rebellion: The Life and Works of Evelyn Scott. (Under the direction of Professor Fred Hobson.)

Dietlinde Miklin Wittmann, *Geography,* The Progress of Mortality and Fertility Transition in a Small Isolated Region: Effect of Rapid Development. (Under the direction of Professor Melinda Meade.)

Weiqiao Wu, *Sociology,* Family Formation in Contemporary China: A State-Action Model. (Under the direction of Professor Glen H. Elder Jr.)

Sylvia Lynn Zack, *Mass Communication,* Media Use and Community Integration: A Study of Newcomers. (Under the direction of Professor Jane Delano Brown.)

Zhi-Jie Zheng, *Epidemiology,* Lower Extremity Arterial Disease Assessed by Ankle-Brachial Index in Middle-Aged Black and White Men and Women: The Atherosclerosis Risk in Communities (ARIC) Study. (Under the direction of Professor Gerardo Heiss.)

ORIGIN OF THE UNIVERSITY COLORS

A symbol of unity among Carolina students, alumni, and fans, the school colors of light blue and white were first used about 1800 to distinguish between members of the Dialectic and Philanthrophic Literary Societies. Throughout the nineteenth century, students were required to be members of either the Di or the Phi. The Di's color was light blue, and the Phi's was white.

At University commencements, balls, and other social events, the student officials, managers, and marshals wore the color of their society, blue or white. Because the Chief Marshal or Chief Ball Manager represented the whole student body, not just his society, he wore both colors.

When the University fielded its first intercollegiate athletic teams in 1888, the question of what colors to wear had already been answered. Light blue and white had come to symbolize membership in the University, not in a single society.

Light blue and white have been considered the University's colors for more than a century. With the tradition so firmly established, a popular bumper sticker states that God must be a Tar Heel because he made the sky Carolina Blue!

AUGUST 1994
POST BACCALAUREATE PROFESSIONAL DEGREES, GRADUATE DEGREES, AND PROFESSIONAL GRADUATE DEGREES

THE SCHOOL OF LAW
Established 1843

JURIS DOCTOR

Marylin Alma Keating
Marilyn Michelle Nance

THE SCHOOL OF DENTISTRY
Established 1949

DOCTOR OF DENTAL SURGERY

Shelly Lynne Rickert

THE SCHOOL OF PHARMACY
Established 1897

DOCTOR OF PHARMACY

Patsy Stoltz Huff

THE GRADUATE SCHOOL
Established 1876

MASTER OF ARTS

Dan Ariely
James Christian Beck
Yael Bitran
Melissa Michele Blair
Traci E. Brown
Kristin Lynn Burr
Gavin James Campbell
Buffy Jean Cramer-Hammann
Susan Alexandra Crate
Sidney Lauren Cruze
Richard J. Dalton Jr.
Kimberly Ring Darnofall
Linda A. Dierkes
Timothy Martin Dornemann
Roselyn Jeanette Schramm Drew
Albert William Dzur
Thomas Lee Fowler
James R. Gardner
Ralph Albert Stuart Geiger
Olga Gil-Garcia
Tracye Lynne Giles
Stefanie Groot
Silvia Chwartzmann Halpern
Jonathan Carroll Hamilton
Michael Christopher Hogan
George Rhyne Hovis
Kelly Lyn Hughes
Akiyo Ito
Joseph Alexander Jackson IV
Karen Frenkel Jacobson
James Mark Jurkovich
Susan Elizabeth Massey Kauffman
Tanya Eileen Kinsella
Igor Vladimirovich Ksenzov
Karen Ursula Lewis
Molly Anne Lynch
Rachel Claire Magaha
Valerie Nicole Matthews
David McArthur Merritt II
Crawford Cotten Moran
Wendy Lee Nankas
Kimberly Anne Nikles
Daniel Edmund O'Sullivan III
Jacqueline Marie Olich
Danforth Edward Olson
Jada Ruth Overton
Mary Jane Jackson Palmer
Athanasios Papachatzis
Linda Baugh Parker
Edward Scott Patterson
Antonia C. Prescott
Andrew Garfield Reece
Bryan H. Rockhill
Susan Scaffidi
David Russell Shaw
Christine Lyn Sneed
George Michael Snyder III
Julie Anne Stanley
Kathryn A. Stephens
Philip George Stevens
Karen Elizabeth Stohr
Amy Lovell Strong

In my four years at Carolina, I have gained friendships, knowledge, and memories that will last a lifetime. Now I am ready to face the world.

SHANNON PITNER

Pablo Suarez
Gavin Alexander Sundwall
Jerry Wilson Surratt II
Sharon Sena Thorsland
David Andrew Timko
James Cameron William Truman
Robert Frost Tuttle
David Curtis VanHook
Alex Cay Vernon
Susan Jean Voskuil
Andrea Townsend Wagner
Jochen Welsch
Sally Warner Williams
Robert E. Withers

MASTER OF SCIENCE

Mari Alison Bartee André
Judith Dawn Bebchuk
Rita Marie Belanger
Judith Marie Benton
Emily Richardson Thayer Berry
Connie Anne Blow
Elaine A. Borland
Kathleen Streiff Boyd
Darek Suleiman Bushnaq
Stephanie Chien Chen
Kimberly Anne Chignell
Adella R. Clark
Jason Scott Coleman
Carl Dann IV
Debbie Joan Diehl
Mark William Farmen
Catherine Lee Faver
Gregory S. Fertik
Allen Hutch Fetter
Elisa Ann Fiorenza
David B. Gilbert
Harold Dee Graham Jr.
Jeffrey David Grant
Elizabeth Alexander Guthrie
Gail Elizabeth Hafley
Leah Anne Hart
Joanna Haymore
Kelly Hebert
Julia K. Holtz
Leslie Sharon Hopeman
Kimberley Kathleen Hubbard
John Stafford Hutton
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Shawn M. Krest
Praveen Kumar
Joelle Amanda Kunkel
Franklin A. Lamb
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Jennifer L. Laveglia
Linda Marie Lawrence
John Clarence Leist III
Christian Peter Lenges

Yu-Hsin Li
Yun-Ying Li
Cynthia Ann Loukides
Gregg Alan Lovelace
Megan Elizabeth McEver
Melissa Ann Muhlenbruch
Robert Derrick Nagel
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Gerard Robert Nazziola Jr.
Kristan Troy Norris
Edith Ann H. Rolf
Roya Rouhani
Laura Jean Rutzen
Steffan J. Scherer
Madeline Julia Serrano
Marit Annika Simenson
Stephen William Snyder
Jennifer Susan Stevenson
Weiguo Sun
Michele Allison Torchal
Julie Paulette Smith Webb
Theresa Lynn White
Suzanne Ruth Whitney
John Reinholdt Williams
David John Wysocki

MASTER OF PUBLIC ADMINISTRATION

Aram J. Montgomery

MASTER OF REGIONAL PLANNING

Laurie Grace Ballenger
Margrit Charlotte Bergholz
Jessica Beth Cogan
Richard Colton Duncan
James Morrow Earnhardt
Thomas Bishop Kennedy
Manuel Trinidad Ochoa Jr.
Joyce Jane Seko
Asadullah Khan Sumbal
Matthew F. Thayer
Edward Lee Wilson

MASTER OF SCIENCE IN RECREATION ADMINISTRATION

Yu-Ying Chu
Debra Mangler Tunnell
Darin Michael Zabielski

THE SCHOOL OF EDUCATION

Established 1885

MASTER OF EDUCATION

Jill Atchison Beeson

When I came to Carolina, I always thought I would leave as a doctor. Like many people, my mind changed as I discovered what I loved. Sports. I am glad UNC offered me so many opportunities in this area. Teaching physical education and coaching may not sound like much to a lot of people, but bringing a healthy mind and healthy body together is, I believe, the basis of life.

DANA LEIGH COOKE

Caroline Marcia Brooks
Ardith Ferguson Brown
Elizabeth Mary Colbert
Starlyn Renée Combs
Patricia Ann Donnelly
Kristin Elizabeth Elko
Richard Mark Evans
Jennifer Scott Garrison
Pamela Walmsley Gaylord
Jennifer Claudia Glover
Scott Jason Gordon
Patricia D. Hawkins
Hays Tattersall Hill
Melissa Carol Isley
Dorothy Katherine Kline
Adam Frederic Levinson
Savon Boyette McCoy
Meghan Baird McDonald
Dorothy Meeks McGirt
Camille Lore Miller
Melissa Delaine Miller
Christy Gay Monk
Nicolas Connelly Montgomery
Danielle Riviere Moran
Paul William Neufeld
Anne Fleming Ocorr
Ami Michelle Parker
Michael Emory Pegram
Melanie Jane Price
Jean Elizabeth Ransom
James Todd Roberts
Susan Ann Savage
Linda Jane Tesh
Melinda W. Thompson
Robin Elizabeth Williams
Sarah Elisabeth Wood
Juliet Diane Yamamoto
Cheryl Devon Yarbrough

MASTER OF ARTS IN TEACHING

Nancy Carter Hanes
Mary Kimbrough King
Anita Marie LaTorre
Glenn Douglas Leggett
Trisha Lenette Merchant
Harvey Rustia Miranda
Jennifer Purvis Speir
Heather Faith Nielson Wimmer

THE KENAN-FLAGLER BUSINESS SCHOOL

Established 1919

MASTER OF ACCOUNTING

David Roswell Aaron
Diane Wood Griffin
Rita Elizabeth Jankovich

MASTER OF BUSINESS ADMINISTRATION

James M. Jordan

SCHOOL OF SOCIAL WORK

Established 1920

MASTER OF SOCIAL WORK

Terri Catherine Davis
N. Page Dickey
Alan Scott Indursky

THE SCHOOL OF INFORMATION AND LIBRARY SCIENCE

Established 1931

MASTER OF SCIENCE IN LIBRARY SCIENCE

Kristina Lynn Anderson
Steven Mark Cramer
Daniel Lee Daily
Martha Jane Dickens
Pamela Jean Dutcher
James A. Farrugia
Roger Timothy Harris
James Julius Heinis
Andrea Booth Hubbard
Rebecca Anne Jacob
Esther Mandel
George Frank May
Marlys Karen Ray
Nancy Anne Rinker
William Frederic Wise
Teresa May Young

MASTER OF SCIENCE IN INFORMATION SCIENCE

Lewis Lynn Caviness Jr.
Hyoil Chang
Wei Liu
Elizabeth Ann Lyons
Junyao Xu

THE SCHOOL OF NURSING

Established 1950

MASTER OF SCIENCE IN NURSING

Carlye Lorraine Carr
Carol A. Figi
Cynthia Price Gass
Gary L. Leffelman

Lisa Laura Wallace
Anne Norris Watson
Wanda Eileen Wazenegger
Margaret Ann Ferguson White

THE SCHOOL OF PUBLIC HEALTH

Established 1939

MASTER OF PUBLIC HEALTH

Abdul Bari Abdulla
Ooriapadickal Cherian Abraham
MD. Sohrab Ali
Aslam Zulfiquer Baig
Magda Giffen Baligh
Anwara Begum
Heather Elizabeth Bock
Elizabeth Quarnberg Bruntlett
W.T. Bryan Butler
Scott Thomas Cain
Anne Barret Campbell
Martha Christine Carlough
Alamgir Hossain Chowdhury
Syeda Nahid Mukith Chowdhury
Paige Silliman Cox
Suresh Chandra Datta
Nurpudji Astuti Daud
Suzanne Elizabeth Eaton Jones
Susan Marie Drummond Finch
Theresa McCarthy Flynn
Evelyn Blankenship Foust
Horace Harris
Bryan R. Hollinger
Julio Alberto Huerta
Cynthia Orr Hutton
Katheryn Moehn Jenifer
Sara Elizabeth Kelling
William Edward Koontz Jr.
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Samra Sue Kuseybi
Martha Chin-Hwa Lee
Rongling Li
Hui-Se Lin
Ruth Echols Lloyd
Haijiang Ma
Maureen McCormick
Shawn Edward McKenzie
Amy E. McMann
Virginia Boisseau McNeer
Katherine Burgan Meadows
Kristi Dawn Messer
Kathryn Anne Muñoz
Laura B. Oberkircher
R. K. Pal
Ruth Petersen
Lisa Hayes Redwine
Anne Catherine Reid
Marcus Gordon Robison
Miriam Ninette Samayoa Sosa
Catherine Eleanor Sauvé
Elizabeth Randolph Scott
Adam Simon Greenleaf Searing
Shabnam Shahnaz
Michael Leslie Shields
Anurag Srivastava
H. S. B. Tennakoon
Theodore Tellef Thompson
Mary Rose Weber Tully
Shana D'Etta Vaughan
Cile Harding Williamson
Laurel Christine Wilmot

MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Victor Arthur D'Amato
Jeffrey Scott Lanning
Premkumar Muthedath
James A. Nilson
Jonathan M. Rivin

MASTER OF SCIENCE IN PUBLIC HEALTH

Carol Lynn Bridges
Kathleen Mary Callahan
Dawn LaVerne Howard
Hwong-Wen Ma
Michelle Susanne McGinnis
Michael Forbes Piehler
David Barrie Richardson
Mary Elizabeth Schauer
Julia A. Terrell
Rogelio Tornero-Velez
Tracy L. Zontek

MASTER OF HEALTHCARE ADMINISTRATION

Sherri L. Swartz

CRITERIA FOR GRADUATION WITH HONORS

Graduates wearing gold honors cords on their gowns committed their senior years to excelling academically in the Seniors Honor Program.

Students who graduate with honors have in most cases designed and executed a significant research or creative project under the guidance of a faculty adviser, then completed an honors thesis. Each student defends the thesis before a faculty committee, which recommends successful candidates for graduation with honors. To be eligible for the program a student must have at least a 3.2 overall grade point average.

Approximately 3,400 Carolina alumni have successfully participated in the Senior Honors Program since it began in 1917. This year's senior class includes nearly 250 graduates who participated in senior honors programs in fifty departments, curricula, and professional schools throughout the University.

The additional accolade of graduation "with highest honors" singles out the exceptionally accomplished student and the thesis that exemplifies the highest possible level of undergraduate scholarship. Not every department recommends candidates for "highest honors" each year.

The Office of Honors in The College of Arts and Sciences administers the Senior Honors Program and the honors curriculum for freshmen, sophomores, and juniors.

GRADUATION WITH DISTINCTION

The University awards specially inscribed diplomas to undergraduates with records of sustained, high-level academic performance.

Undergraduate students in Academic Affairs or Health Affairs who graduate with a 3.5 or better overall grade point average receive diplomas that include the phrase "with Distinction." Students completing at least forty-five hours of undergraduate coursework at Carolina while earning a 3.8 or better overall grade point average receive diplomas inscribed "with Highest Distinction." This designation provides uniform, University-wide recognition of sustained high-level undergraduate performance.

In the listing of candidates for Baccalaureate degrees, the ⋆ symbol indicates a candidate for a degree with distinction based on grade point average prior to the student's final semester.

AUGUST 1994 · BACCALAUREATE DEGREES

THE COLLEGE OF ARTS AND SCIENCES

Established 1793

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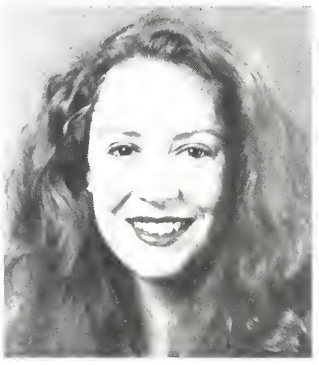

Although I'm a fifth generation Floridian, I knew from the first moment I visited Carolina I had found my college home. My instincts proved correct and the result has been the best four years of my life.

HEATHER SARRA

* *Indicates degree with distinction based on GPA.*
** *Indicates degree with highest distinction based on GPA.*
† *Indicates Honors recipients.*
†† *Indicates Highest Honors recipients.*

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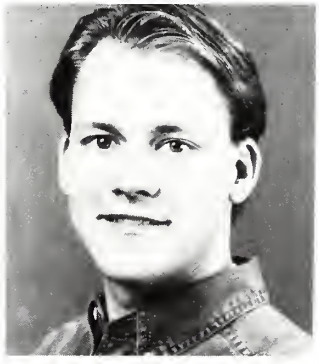
David Franklin Yandle Jr.

** Indicates degree with distinction based on GPA.*
*** Indicates degree with highest distinction based on GPA.*
† Indicates Honors recipients.
†† Indicates Highest Honors recipients.



The past few years have been a blur, with brief, shining moments that stand out in my memory. These are irreplaceable and I will carry them with me for a lifetime.

JOHN THOMAS WALSH JR.

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THE SCHOOL OF NURSING

Established 1950

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THE FIRST STATE UNIVERSITY

The framers of North Carolina's first state constitution wrote in 1776 that "all useful learning" should be "duly encouraged and promoted in one or more universities." The University of North Carolina at Chapel Hill was chartered in 1789 and in 1795 it opened its doors as the first state university in the nation.

The Bell Tower is one of many landmarks on Carolina's historic campus.

New Hope Chapel (now Chapel Hill) was chosen for its central location as the site of the University. The cornerstone for Old East was laid on 12 October 1793 by William Davie, for whom the Davie Poplar, a familiar campus landmark, is named. Thus Old East became the first building of this or any state university. The University of North Carolina opened its doors on 15 January 1795 and its first student, Hinton James, arrived a month later. By 1 March the University had forty-one students and two professors.

The first decades of the nineteenth century saw important developments for the new University. In 1815 the natural sciences were given equal status with the more traditional classical curriculum. In the 1820s Denison Olmstead and Elisha Mitchell prepared and published the nation's first geological survey. In 1832 UNC President Joseph Caldwell built the first astronomical observatory at a state university.

Enrollment increased steadily during this period, and by 1860 only Yale University had more students. The Civil War caused many universities to close, and Carolina was one of the few Southern universities to remain open throughout the war. It was during Reconstruction that the University closed (1870–5) for the only time in its history.

After reopening, the University added programs that enhanced its status as a major university. In 1876 it announced a program of graduate studies leading toward postbaccalaureate degrees. In 1877 it became the first university to open a summer school for teachers. In 1879 it began medical and pharmaceutical studies. The University received its first legislative appropriation for maintenance in 1881. In 1885 it introduced its regular program for the preparation of teachers. In 1894 the School of Law, which had been semi-independent, was incorporated into the administrative structure. In 1897 women students were admitted for the first time.

At the turn of the century the University had 512 students and a faculty of thirty-five. The first three decades of the twentieth century were a period of significant growth. Enrollment first reached one thousand in 1915. A Phi Beta Kappa chapter, Alpha of North Carolina, was formed in 1904. In 1913 the School of Education was established and the Bureau of Extension was organized to extend the University's resources to North Carolinians on a regular basis. The endowed Kenan professorships fund, established in 1917, provided incentive for excellence in teaching and research. In 1919 the School of Commerce, now the Kenan-Flagler Business School, was established. The School of Public Welfare began in 1920 as an outgrowth of the Department of Sociology. In 1950 the school's name was changed to the School of Social Work. In 1922 the University was elected to membership in the Association of American Universities. The University of North Carolina Press was incorporated in 1992, and the Institute for Research in Social Science was organized in 1924. By 1930 there were twenty-six hundred students at the University and a faculty of 222 full-and 85 part-time members. Teaching, study, and research took place at undergraduate, graduate, and professional levels in twelve colleges and schools in twenty-one departments.

The Consolidation Act of 1931 joined the University with the Woman's College at Greensboro and North Carolina State College in Raleigh. A single Board of Trustees allocated functions among the three constituent institutions. The offices of the Consolidated University were established at Chapel Hill, and University President Frank Porter Graham became the Consolidated University's first President.

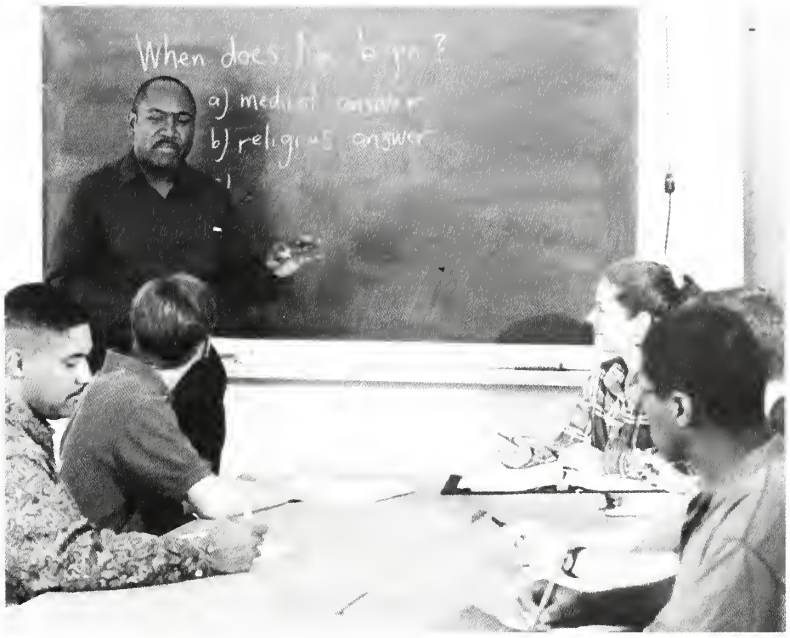
Also in 1931 the School of Library Science was established and the Institute of Government founded. (The institute, first of its kind in the nation, became an official part of the University in 1942.) In 1936 the School of Public Health was formed.

The Division of Health Affairs was formally organized in 1949, with schools of Dentistry and Nursing added to the existing schools of Medicine, Pharmacy, and Public Health. The opening of North Carolina Memorial Hospital in 1952 provided clinical facilities for the schools.

The Morehead Building and Planetarium were completed in 1949 and in the next year the School of Journalism was started. The William Hayes Ackland Memorial Art museum was completed in 1958. In the following year the University was one of the first to install a large computer system. More recently the campus has undergone extensive building. The Walter Royal Davis Library was dedicated by Governor James Martin in 1985 and Wilson Library became a special collections library. Other new building projects include the Smith Center for athletic and cultural events; the Kenan Center, Fetzer Gymnasium; Carmichael Residence Hall; and new facilities for the departments of Art, Chemistry, and Computer Science. The medical complex boasts Memorial Hospital's Critical Care Center, the Lineberger Cancer Research Building, and the Public Health and Environmental Sciences Building.

Beginning with one building, one hundred students and two professors, The University of North Carolina at Chapel Hill has grown to 190 permanent buildings, 24,000 students, and more than 2,400 full-time faculty. There are more than 200,000 living alumni. Alumni include thirty-one North Carolina governors and U. S. president James K. Polk. Also noteworthy are Academy Award and Pulitzer Prize winners Louise Fletcher, Vermont Royster, and Jeff MacNelly and the television news personalities Roger Mudd and Charles Kuralt. Other outstanding alumni in the arts include the novelist Thomas Wolfe, the playwright Paul Green, and actor Andy Griffith.

Construction of the University's first building, Old East, began on 12 October 1793.



The University remains faithful to its founders' charge to encourage and promote all useful learning for humanity's betterment.

Annual surveys regularly cite The University of North Carolina at Chapel Hill as one of the best colleges in the nation and one of the few state universities to be considered among the top research institutions. One asset that contributes to this reputation is Carolina's superb library system. The system contains more than three million volumes and is ranked among the top research libraries in the United States and Canada by the Association of Research Libraries. Libraries include the new Davis Library, Wilson Library, the House Undergraduate Library, and the Health Sciences Library, along with another twelve school and departmental libraries. Wilson Library houses the extensive North Carolina, Southern Historical, and Rare Book Collections.

The University that opened in Chapel Hill in 1795 is now the most comprehensive institution in North Carolina, both in the range of its programs at all levels and in the breadth of its specialized research and public service programs. The University's fourteen colleges and schools provide instruction in more than one hundred fields, offering 95 bachelor's, 175 master's, and 109 doctoral degrees, as well as professional degrees in dentistry, medicine, pharmacy, and law. The University has more than remained faithful to its founders' charge to duly encourage and promote all useful learning for the betterment of humanity.

Adapted from an article by William Powell, Professor Emeritus, Department of History.

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